

App. No. 09/788,329
Amendment Dated: May 4, 2005
Reply to Office Action of April 7, 2005

Amendments to the Claims:

1. (Currently amended): A computer-implemented method for routing messages for a device, comprising:

providing a plurality of providers, wherein each provider is associated with a message type;

(a) receiving a message;

routing the message to the plurality of providers until at least one provider recognizes the message type associated with the message;

(b) associating the message with at least one of the plurality of providers when the at least one of the plurality of providers recognizes the message type a provider; and

(c) informing an application associated with the provider that the message is waiting.

2. (Currently amended): The method of Claim 1, further comprising:

(a) waiting for the application to request the message;

(b) formatting the message to the requirements of the application; and

(c) delivering the message to the application.

3. (Currently amended): The method of Claim 2, wherein associating the message with a provider, further comprises:

(a) providing the message to a provider based on a priority level; and

(b) determining if the prioritized provider is associated with the message.

4. (Previously presented): The method of Claim 3, wherein the provider has a unique priority level.

5. (Currently amended): The method of Claim 4, wherein determining if the prioritized provider is associated with the message, further comprises:

(a) receiving a response from the prioritized provider indicating if the prioritized provider is associated with the message; and

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(b) associating the message with the prioritized provider if the received response indicates that the prioritized provider is associated with the message.

6. (Original): The method of Claim 5, wherein associating the message with the prioritized provider if the received response indicates that the prioritized provider is associated with the message, further comprises storing the message in a location associated with the prioritized provider.

7. (Currently amended): A computer-readable medium having computer-executable instructions for routing messages, comprising:

(a) receiving a message having a message type;

routing the message to a first provider from a list of providers;

(b) associating the message with a the first provider from a list of providers, when the first provider recognizes the message type, wherein an application associated with the first provider is informed that the message is waiting; and

routing the message to a second provider when the first provider does not recognize the message type; and

~~(c) informing an application associated with the first provider that the message is waiting.~~

8. (Currently amended): The computer-readable medium of Claim 7, wherein associating the message with the first provider further includes further comprising:

(a) waiting for the application to request the message;

(b) formatting the message to the requirements of the application; and

(c) delivering the message to the application.

9. (Currently amended): The computer-readable medium of Claim 8, wherein formatting the message to the requirements of the application further comprises:

(a) providing access to the message to the first provider associated with the requesting application; and

(b) the first provider associated with the requesting application formatting the message to the requirements of the application.

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10. (Currently amended): The computer-readable medium of Claim 8, wherein associating the message with a provider, further comprises:

- (a) prioritizing the ~~set~~ list of providers based on a priority level; and
- (b) providing access to the message to each of the prioritized providers in order of priority until the message has been associated.

11. (Original) The computer-readable medium of Claim 10, wherein each of the set of providers has a unique priority level.

12. (Currently amended) The computer-readable medium of Claim 11, wherein providing access to the message to each of the prioritized providers in order of priority until the message has been associated, further comprises:

- (a) receiving a response from the highest level prioritized provider indicating if the prioritized provider is associated with the message; and
- (b) associating the message with the highest level prioritized provider if the received response indicates that the prioritized provider is associated with the message.

13. (Previously Presented) The computer-readable medium of Claim 12, wherein associating the message with the prioritized provider if the received response indicates that the prioritized provider is associated with the message, further comprises storing the message in a location associated with the prioritized provider.

14. (Currently amended) A system for routing messages, comprising:

- (a) a processor and a computer-readable medium;
- (b) an operating environment stored on the computer-readable medium and executing on the processor;
- (c) a communication connection device operating under the control of the operating environment; and
- (d) a routing device operating under the control of the operating environment and operative to perform actions, including:
 - (i) receiving a message;

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routing the message until at least one provider recognizes the message;

(ii) associating the message with a at least one provider when the at least one provider recognizes the message;

(iii) delivering the message to an application associated with the at least one provider when the at least one provider recognizes the message.

15. (Currently amended) The system of Claim 14, wherein the routing device is further operative to perform actions, including:

- (a) waiting for the application to request the message; and
- (b) formatting the message for the application.

16. (Currently amended) The system of Claim 15, wherein associating the message with a provider, further comprises:

- (a) providing the message to a provider based on a priority level; and
- (b) determining if the prioritized provider is associated with the message.

17. (Currently amended) The system of Claim 16, wherein determining if the prioritized provider is associated with the message, further comprises:

- (a) receiving a response from the prioritized provider indicating if the prioritized provider is associated with the message; and
- (b) associating the message with the prioritized provider if the received response indicates that the prioritized provider is associated with the message.

18. (Original) The system of Claim 17, wherein associating the message with the prioritized provider if the received response indicates that the prioritized provider is associated with the message, further comprises storing the message in a location associated with the prioritized provider.

19. (Currently amended) The system of Claim 18, wherein formatting the message for the application further comprises:

- (a) providing access to the message to the provider associated with the requesting application; and

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(b) the provider associated with the requesting application formatting the message to the requirements of the application.